

CLAIMS

1. A method of wireless communication with a number of subscribers to a subscription-based service, the method comprising:

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assigning at least one service rate to at least one of a number of subscription-based service types in response to at least one of channel conditions, power requirements, service subscription type, desired content, other services and equipment class of each subscriber.

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2. The method of Claim 1, wherein the subscription-based service comprises at least a multicast service, the at least one service rate comprises at least one multicast rate, and each of the subscription-based service type
15 comprises at least a multicast service subscription type.

3. The method of Claim 2, wherein the multicast service subscription type comprises at least one of a basic type and a premium type.

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4. The method of Claim 3, wherein the least one multicast rate is assigned to each multicast service multicast service subscription type in further response to determining a geographical distribution of the number of multicast service
25 subscribers and determining a subscription distribution of the number of multicast service subscribers.

5. The method of Claim 4, comprising:

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determining the number of multicast service subscribers within a cell;

determining at least one of a geographical distribution of a number of multicast service subscribers and a subscription distribution of the number of multicast service subscribers within the cell; and

5 wherein the step of assigning at least one multicast rate is performed in further response to at least one of the determined geographical distribution and the determined subscription distribution.

10 6. The method of Claim 4, comprising:

multicasting information to each of the multicast service subscribers at each multicast service subscription type's assigned multicast rate.

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7. The method of Claim 6, wherein the step of assigning comprises:

prioritizing the assigning of the at least one multicast rate to support the multicasting information to at least one of a maximum number of
20 multicast service subscribers, a maximum number of multicast service subscribers having the premium service type, and a maximum number of multicast service subscribers having the basic service type.

25 8. The method of Claim 7, comprising:

scaling an availability of at least one of the multicast service subscription types in response to a demand from the multicast service subscribers associated with at least another the multicast service subscription type.

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9. The method of Claim 8, wherein the step of scaling comprises at least one of dropping and adding the availability of at least one of the multicast service subscription types.

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10. The method of Claim 8, wherein the demand corresponds with at least one of power and subscription revenue.

10 11. The method of Claim 7, comprising:

scaling an availability of at least one of the multicast service subscription types in response to base station resources in use.

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12. The method of Claim 11, wherein the step of scaling comprises at least one of dropping and adding the availability of at least one of the multicast service subscription.

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13. The method of Claim 11, wherein the equipment class corresponds with at least one supporting channelization code.

25 14. The method of Claim 2, wherein the other services comprises at least one of voice, HSDPA and HSUPA.

15. A method of wireless communication comprising:

receiving a subscription-based service at an assigned service rate, the
assigned service rate corresponding with at least one of service
5 subscription type, desired content, channel conditions, power
requirements, other services and equipment class.

16. The method of Claim 15, wherein the subscription-based service
10 comprises at least a multicast service, the at least one service rate comprises at
least one multicast rate, and the service subscription type comprises at least a
multicast service subscription type.

15 17. The method of Claim 16, wherein the assigned multicast rate further
corresponds with at least one of a geographical distribution of a number of
multicast service subscribers and a subscription distribution of the number of
multicast service subscribers within a cell.

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18. The method of Claim 16, wherein the multicast service subscription type
comprises at least one of a basic type and a premium type.

25 19. The method of Claim 16, comprising:

prioritizing the other services and the multicast service subscription
service.

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20. The method of Claim 19, comprising:

scaling the multicast service subscription types available for assigning in response to a change in demand for the other services.

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21. The method of Claim 20, wherein the step of scaling comprises at least one of dropping and adding support for at least one of the multicast service subscription types.

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22. The method of Claim 21, wherein the demand corresponds with at least one of power, channelization codes, and subscription fees.

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23. The method of Claim 19, wherein the other services comprises at least one of voice, HSDPA and HSUPA.

20 24. The method of Claim 16, wherein the equipment class corresponds with at least one supporting channelization code.